



Colusa Generating Station Final Prevention of Significant Deterioration Permit

FACT SHEET

ACTION

- On September 29, 2008, the U. S. Environmental Protection Agency (EPA) issued the final Prevention of Significant Deterioration of Air Quality (PSD) permit to the Pacific Gas and Electric Company (PG&E) for the proposed Colusa Generation Station.

BACKGROUND

- The Colusa Generating Station is a 660-MW natural gas-fired power plant that will be built in Colusa County, California.
- The power plant will be located about 14 miles north of the farming community of Williams, 4 miles west of highway I-5 in Colusa County, and 72 miles north of Sacramento.
- The power plant will consist of the two combustion gas turbines, two heat recovery steam generators with duct burners, one steam turbine, an auxiliary boiler and associated support equipment.
- E & L Westcoast, LLC submitted a PSD permit application for the project to EPA in December 2006. In January 2008, ownership of the project was transferred to PG&E.
- The public comment period for the proposed permit began on May 14, 2008 and ended June 16, 2008.
- EPA received comments from the Californians for Renewable Energy (CARE) on June 16, 2008, which the organization later withdrew in its entirety on September 12, 2008. Since CARE withdrew its comments, EPA is not addressing those comments in this final permitting action. EPA received no other comments regarding the proposed PSD permit.

AIR QUALITY IMPACTS

- Modeling results from EPA-approved dispersion models were reviewed by EPA.
- Modeled impacts are in compliance with the National Ambient Air Quality Standards (NAAQS), and allowable PSD Class I and II increments.

FINAL PERMIT

- The final PSD permit requires the company to:
 - Use dry low NO_x (DLN) combustors, ultra-DLN combustors, and selective catalytic reduction to reduce nitrogen oxides (NO_x);
 - Use oxidation catalysts to reduce emissions of carbon monoxide (CO) and volatile organic compounds;
 - Use exclusively pipeline quality natural gas in the gas turbines and auxiliary boiler to minimize particulate matter and sulfur dioxide emissions;
 - Limit the hours of operation of the auxiliary boiler and support equipment;
 - Use continuous emissions monitoring systems (CEMS) to monitor NO_x and CO; and
 - Conduct annual performance testing.
- EPA made several minor changes to the proposed PSD permit to clarify compliance conditions and correct errors. These changes are available in the Administrative Record for the final PSD permit.

FOR MORE INFORMATION

- Interested parties can download the final PSD permit and documents contained in the Administrative Record for the final PSD permit from EPA's Web site at:
<http://www.epa.gov/region09/air/permit/r9-permits-issued.html>.
- The Administrative Record for the final PSD permit, which consists of the proposed and final PSD permits, and all data submitted by the applicant in support of the final permit, is also available at the EPA Region 9 Office at 75 Hawthorne Street, San Francisco, California for public inspection Monday through Friday from 9:00 A.M. until 4:00 P.M., excluding legal holidays. Due to building security procedures, please call to arrange a visit 24 hours in advance. All public documents that are available in electronic form may be requested via e-mail.
- For more information, contact Ms. Shaheerah Kelly at (415) 947-4156 or by e-mail at kelly.shaheerah@epa.gov.